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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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 EXAMINER

ART UNIT	PAPER NUMBER
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12713  
**DATE MAILED:**

Please find below and/or attached an Office communication concerning this application or proceeding.

**Commissioner of Patents and Trademarks**

<b>Advisory Action</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/472,558	BAHRAMIAN ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Peter Paras, Jr.	1632

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 24 August 2001 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY [check either a) or b)]**

a)  The period for reply expires 6 months from the mailing date of the final rejection.  
 b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
 ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1.  A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.

2.  The proposed amendment(s) will not be entered because:

- they raise new issues that would require further consideration and/or search (see NOTE below);
- they raise the issue of new matter (see Note below);
- they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.

4.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

5.  The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.

6.  The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.

7.  For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_

Claim(s) objected to: \_\_\_\_\_

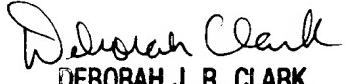
Claim(s) rejected: 1-27, 50, 52

Claim(s) withdrawn from consideration: \_\_\_\_\_

8.  The proposed drawing correction filed on \_\_\_\_\_ is a) approved or b) disapproved by the Examiner.

9.  Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_

10.  Other: \_\_\_\_\_

  
 DEBORAH J. R. CLARK  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 1600

Continuation of 2. NOTE: The proposed amendment raises new issues as follows: the phrase "under conditions devoid of a selection for integration" is indefinite because it is not clear which conditions are used in the method as claimed; furthermore, claim 11 as amended would require a new search because the following limitations were not previously claimed: no selection, no integration, and no disruption of an endogenous gene sequence. Additionally, the phrase "under conditions devoid of a selection" raises issues of new matter as there is no support for such a limitation in the specification or the original claims..

Continuation of 5. does NOT place the application in condition for allowance because: because the claims as amended do not overcome the 112, 1st rejection with respect to enablement of in vivo methods of muting expression of an endogenous gene. In vivo methods of gene delivery and expression are unpredictable. See pages 2-4 of the Office action mailed on 3/14/01. Also, the claims as amended do not overcome the rejection under 112, 2nd paragraph with regard to the terms "population of animal cells" and "population of cells" as it still is not clear which cell types are targeted. See page 6 of the Office action mailed on 3/14/01 .